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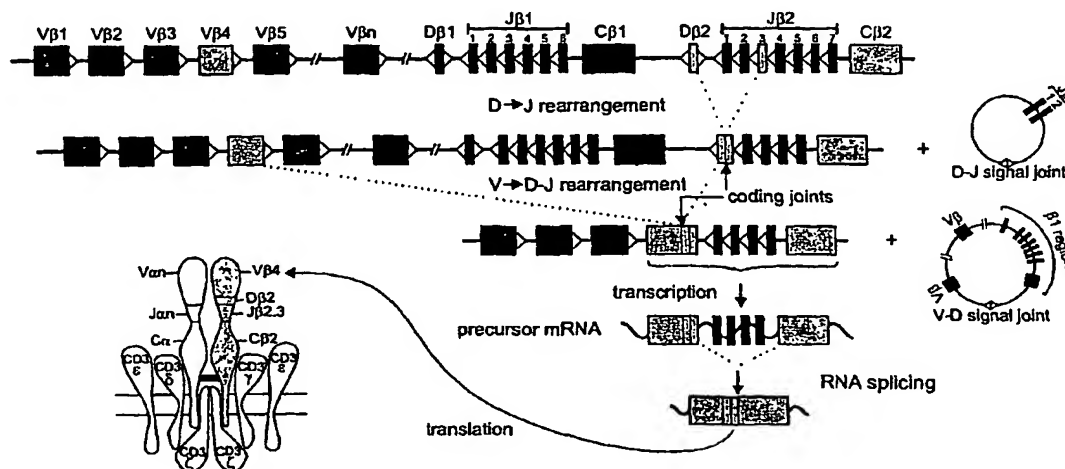
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(54) Title: NUCLEIC ACID AMPLIFICATION PRIMERS FOR PCR-BASED CLONALITY STUDIES



(57) **Abstract.** The invention relates to PCR-based clonality studies for among others early diagnosis of lymphoproliferative disorders. Provided is a set of nucleic acid amplification primers comprising a forward primer, or a variant thereof, and a reverse primer, or a variant thereof, capable of amplifying a rearrangement selected from the group consisting of a VH-JH IGH rearrangement, a DH-JH IGH rearrangement, a VK-JK IGH rearrangement, a VK/intron-Kde IGH rearrangement, a Vλ-Jλ IGL rearrangement, a Vδ-Jδ TCRB rearrangement, a Dδ-Jδ TCRB rearrangement, a Vγ-Jγ TCRG rearrangement, a Vδ-Jδ TCRD rearrangement, a Dδ-Dδ TCRD rearrangement, a Vδ-Dδ TCRD rearrangement, or a translocation selected from t(11;14)(BCL1-IGH) and t(14;18)(BCL2-IGH). The primers can be used in PCR-based clonality studies for early diagnosis of lymphoproliferative disorders and detection of minimal residual disease (MRD). Also provided is a kit comprising at least one set of primers of the invention.



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